

FORM PCT-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE  
(REV. 12-2002)

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NUMBER

H&amp;U124

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

not known **10/527512**INTERNATIONAL APPLICATION NO.  
PCT/EP2003/010042INTERNATIONAL FILING DATE  
10 September 2003PRIORITY DATE CLAIMED  
11 September 2002

## TITLE OF INVENTION

Method for the Regeneration of Phosphor-Laden Denox Catalysts

## APPLICANT(S) FOR DO/EO/US

Schluttig and Foerster

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

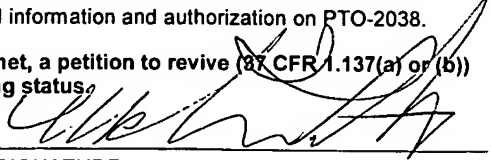
1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
  - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☒ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☐ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☒ A copy of the International Search Report (PCT/ISA/210).

## Items 13 to 23 below concern document(s) or information included:

13. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☒ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☒ A substitute specification. *labeled "Clean Version"*
18. ☐ A power of attorney and/or change of address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
20. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
21. ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
22. ☒ Express Mail Label No. **ER993670549US**
23. ☒ Other items or information:

Claim for Priority; Substitute Specification--marked up version; postcard receipt; PTO 1449 form; copies of 6 references; certificate of express mailing; verification of English translation of PCT/EP2003/010042

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO (if known, see 37 CFR 1.5) <b>10/527512</b>		INTERNATIONAL APPLICATION NO. <b>PCT/EP2003/010042</b>		ATTORNEY'S DOCKET NUMBER <b>H&amp;U124</b>	
24. The following fees are submitted:				Applicant use	Office use
<input checked="" type="checkbox"/> a) Basic national fee ..... \$300.00				\$ 300.00	
<input checked="" type="checkbox"/> b) Examination fee ..... \$200.00				\$ 200.00	
<input checked="" type="checkbox"/> c) Search fee ..... \$500.00				\$ 500.00	
<b>TOTAL OF ABOVE CALCULATIONS =</b> \$1000.00				\$ 1,000.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole)	RATE		
- 100 =	/50 =		x \$250.00	\$ 0.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	15 - 20 =	0	x \$50.00	\$ 0.00	
Independent claims	1 - 3 =	0	x \$200.00	\$ 0.00	
MULTIPLE DEPENDENT CLAIMS (if applicable) <input type="checkbox"/> + \$360.00				\$ 0.00	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$ 1,000.00	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$ 500.00	
<b>SUBTOTAL =</b>				\$ 500.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$ 0.00	
<b>TOTAL NATIONAL FEE =</b>				\$ 500.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +				\$ 0.00	
<b>TOTAL FEES ENCLOSED =</b>				\$ 500.00	
Amount to be refunded:					\$
Amount to be charged:					\$
a. <input checked="" type="checkbox"/> A check in the amount of \$ <b>\$500.00</b> to cover the above fees is enclosed.					
b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of _____ to cover the above fees. A duplicate copy of this sheet is					
c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <b>500867</b> . A duplicate copy of this sheet is enclosed.					
d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
<b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.					
SEND ALL CORRESPONDENCE TO:					
Marlana Titus Nash & Titus, LLC 6005 Riggs Road Laytonsville, MD 20882 (301) 977-7227					
SIGNATURE  Marlana Titus NAME <b>35,843</b> REGISTRATION NUMBER					

DT06 Rec'd PCT/PTO 10 MAR 2005

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of

Schluttig and Foerster

Group Art Unit: not known

Application No. not known

Examiner: not known

Priority claimed from: PCT/EP2003/010042 (filed September 10, 2003) and  
German application 102 42 081.5 (filed September 11, 2002)

Filed: March 10, 2005

For: Method for the Regeneration of Phosphor-Laden Denox Catalysts

\* \* \* \* \*

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 C.F.R. 1.10)

I hereby certify that the following correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 in an envelope addressed to: The Commissioner for Patents, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450, on **March 10, 2005:**

- (1) Transmittal Letter for to the US Designated/Elected Office Concerning a Filing Under 35 U.S.C. 371 (2 pages, in duplicate)
- (2) US Utility application (labeled Substitute Specification—clean version)(11 pages)
- (3) Substitute Specification—marked up version (12 pages)
- (4) Copy of International Patent Application PCT/EP2003/010042 (14 pages, in German)
- (5) English translation of International Patent Application PCT/EP2003/010042 (15 pages)
- (6) Verification of translation (1 page)
- (7) Preliminary Amendment (5 pages)
- (8) Claim for priority (1 page)
- (9) Information Disclosure Statement (2 pages)
- (10) PTO-1449 form (1 pages)
- (11) Copies of references cited in PTO-1449 form (6 references)
- (12) Check for \$500.00 (\$500 filing fees for small entity)
- (13) certificate of express mailing (1 page)
- (14) postcard receipt listing all enclosed items



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Express Mail Mailing  
Label Number: ER993670549US

## TRANSLATOR'S VERIFICATION

I, Philip M. Morris, a translator residing at P.O. Box 670907, Dallas, Texas 75367 verify that I know well both the German and the English languages, that I have prepared the attached English translation of PCT patent application PCT/EP2003/010042 in the German language entitled "Method for Regenerating Phosphorus-Loaded Denox Catalysts" with the international filing date of September 10, 2003 and that the attached English translation of this document is a true and correct translation of the documents attached thereto to the best of my knowledge and belief.

I further declare that all statements made of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements are made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 USC 1001, and that such false statements may jeopardize the validity of this document.

Date: February 25, 2005

By: *Philip M. Morris*

INTERNATIONAL APPLICATION PUBLISHED ACCORDING TO THE  
PATENT COOPERATION TREATY  
WORLD ORGANIZATION FOR INTELLECTUAL PROPERTY  
International Office



PCT

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Attorney: Harmsen – Utescher, Alter  
Wall 55, 20457 Hamburg (DE).

International reference:  
PCT/EP2003/010042

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abbreviations requiring no  
translation.]

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translation.]

Priority data:  
102 42 081.5 September 11,  
2002 (9/11/2002) DE

[Key: Eurasisches Patent = Eurasian  
patent

Applicant (*for all countries of  
designation except the USA*):  
Envica GmbH [DE/DE], Bargloyer  
Weg 12, 27793 Wildeshausen (DE)

Europäisches Patent =  
European patent]

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Inventor and	Published
Inventor/Applicant ( <i>only for the USA</i> ): Alexander Schluttig [DE/DE], Nordstrasse 18, 02991 Lautz (DE); Marcel Foerster [DE/DE], Ehnernstrasse 14, 26121 Oldenburg (DE).	<ul style="list-style-type: none"><li>- <i>With international Search Report</i></li><li>- <i>Before expiration of the time period for amendments of the claims; publication will be repeated if amendments are received.</i></li></ul> <p><i>Refer to the explanations (Guidance Notes on Codes and Abbreviations) at the beginning of each regular edition of the PCT Gazette for an explanation of the two-letter codes and the other abbreviations.</i></p>

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Title: Method for Regenerating Phosphorus-Loaded Denox Catalysts

Abstract: [The abstract is in English and requires no translation].